

What Is Claimed Is:

1. A method of producing a roll boot from an injection-moldable elastomer, comprising the following steps:

injection-molding a basic member (21) having a cylindrical portion (22) and an widened portion (23);

5 turning the basic member (21) inside out; and

folding the widened portion (23) outwardly so that it partially lies outwards of the cylindrical portion (22), forming a roll wall (23').

2. A method of producing a roll boot from an injection-moldable elastomer, comprising the following steps:

10 injection-molding a basic member (31) having a cylindrical portion (32) and two widened portions (33, 43) which adjoin said cylindrical portion (32) at both ends;

turning the basic member (31) inside out; and

15 folding the widened portions (33, 43) outwardly, so that they partially lie outwards of the cylindrical portion (32), forming roll walls (33', 43').

3. A method according to claim 1, wherein the widened portion (23) is injection-molded to have an approximately conical shape.

20 4. A method according to claim 2, wherein the widened portions (33, 43) are injection-molded to have an approximately conical shape.

5. A method according to claim 1, wherein the widened portion (23) is injection-molded to comprise a wall thickness which decreases from the cylindrical portion (22) to its free end.

6. A method according to claim 2, wherein the widened
5 portions (33, 43) are injection-molded to comprise a wall thickness which decreases from the cylindrical portion (32) to their respective free ends.

7. A method according to claim 1, wherein the cylindrical portion (22) is injection-molded to comprise, at its free end, an inner annular groove (24) for receiving a clamping band.

10 8. A method according to claim 3, wherein the cylindrical portion (22) is injection-molded to comprise, at its free end, an inner annular groove (24) for receiving a clamping band.

9. A method according to claim 5, wherein the cylindrical
15 portion (22) is injection-molded to comprise, at its free end, an inner annular groove (24) for receiving a clamping band.

10. A method according to claim 1, wherein the widened portion (23) is injection-molded to comprise an inner annular bead (25) at its free end.

11. A method according to claim 3, wherein the widened
20 portion (23) is injection-molded to comprise an inner annular bead (25) at its free end.

12. A method according to claim 5, wherein the widened portion (23) is injection-molded to comprise an inner annular bead (25) at its free end.

13. A method according to claim 7, wherein the widened
5 portion (23) is injection-molded to comprise an inner annular bead (25) at its free end.

14. A method according to claim 2, wherein the widened portions (33, 43) are injection-molded to comprise inner annular beads (34, 35) at their respective free ends.

10 15. A method according to claim 4, wherein the widened portions (33, 43) are injection-molded to comprise inner annular beads (34, 35) at their respective free ends.

16. A method according to claim 6, wherein the widened portions (33, 43) are injection-molded to comprise inner annular beads (34,
15 35) at their respective free ends.

17. A method of producing a roll boot from an injection-moldable elastomer, comprising the steps of:

injection-molding a basic member (21) having a cylindrical portion (22) and a widened portion (23), the cylindrical portion (22)
20 including, at its free end, an inner annular groove (24) for receiving a clamping band, the widened portion (23) comprising a conical shape, an inner annular bead (25) at its free end, and a decreasing wall thickness from the cylindrical portion (22) to its free end;

turning the basic member inside out such that the annular groove (24) and annular bead (25) are outwardly facing; and

folding the widened portion (23) outwardly so that it partially lies outwards of the cylindrical portion (22), forming a roll wall (23').

5 18. A method of producing a roll boot from an injection-moldable elastomer, comprising the steps of:

 injection-molding a basic member (31) having a cylindrical portion (32) and two widened end portions (33, 43) adjoining the cylindrical portion, each widened portion (33, 43) comprising a conical shape, an inner
10 annular bead (34, 35) at its free end, and a decreasing wall thickness from the cylindrical portion (32) to its free end;

 turning the basic member (31) inside out such that the annular beads (34, 35) are outwardly facing; and

 folding the widened portions (33, 43) outwardly so that they
15 partially lie outwards of the cylindrical portion (32), forming roll walls (33', 43').

 19. A roll boot for a constant velocity joint made according to the method of claim 1.

 20. A constant velocity joint comprising a roll boot made
20 according to the method of claim 1.